

AMENDMENT UNDER 37 C.F.R. § 1.116
U.S. Appl. No. 10/733,843
Attorney Docket No.: Q78446

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (previously presented): A progressive addition power lens comprising:
a near dioptric power region, an intermediate corridor, and a far dioptric power region,
each with a respective clear visual region having astigmatism of 0.5 diopters or less;
wherein:
the intermediate corridor extends vertically from the near dioptric power region to
the far dioptric power region, with a gradually decreasing refractive power;
a maximum horizontal width of the clear visual region in the far dioptric power
region is no more than twice a minimum horizontal width of the clear visual region in the
intermediate corridor; and
a vertical length of the intermediate corridor is in a range of 22 to 28 mm,
a far point at the bottom of the far dioptric power region; and
astigmatism peaks positioned at substantially same height or vertically higher than
the far point.

2. (currently amended): A progressive addition power lens comprising:

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a near dioptric power region, [[a]] an intermediate corridor, and a far dioptric power region, each with a respective clear visual region having astigmatism of 0.5 diopters or less; a near point at the top of the near dioptric power region; and

an eye point in the intermediate corridor, at a position 9 to 12 mm higher than the near point,

wherein:

the intermediate corridor extends vertically from the near dioptric power region to the far dioptric power region, with a gradually decreasing refractive power,

a maximum horizontal width of the clear visual region in the far dioptric power region is no more than twice a minimum horizontal width of the clear visual region in the intermediate corridor, and

a vertical length of the intermediate corridor is in a range of 22 to 28 mm.

3. (original): The progressive addition power lens as set forth in claim 1, wherein the clear visual region of the near dioptric power region has a horizontal width of 30 mm or more.

4. (original): The progressive addition power lens as set forth in claim 3, further comprising:

a far point at the bottom of the far dioptric power region; and

astigmatism peaks located to the sides of the far point, with positions at substantially the same height as the far point.

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5. (original): The progressive addition power lens as set forth in claim 3, further comprising:

a far point at the bottom of the far dioptric power region; and
astigmatism peaks located to the sides of the far point, with positions higher than the far point.

6. (original): The progressive addition power lens as set forth in claim 1, further comprising

a far point at the bottom of the far dioptric power region; and
astigmatism peaks located to the sides of the far point, with positions at substantially the same height as the far point.

7. (original): The progressive addition power lens as set forth in claim 6, further comprising:

a near point at the top of the near dioptric power region; and
an eye point in the intermediate corridor, at a position 9 to 12 mm higher than the near point.

8. (original): The progressive addition power lens as set forth in claim 1, further comprising:

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a far point at the bottom of the far dioptric power region; and
astigmatism peaks located to the sides of the far point, with positions higher than the far point.

9. (original): The progressive addition power lens as set forth in claim 8, further comprising:

a near point at the top of the near dioptric power region; and
an eye point in the intermediate corridor, at a position 9 to 12 mm higher than the near point.

10. (original): The progressive addition power lens as set forth in claim 4, further comprising:

a near point at the top of the near dioptric power region; and an eye point in the intermediate corridor, at a position 9 to 12 mm higher than the near point

11. (previously presented): The progressive addition power lens as set forth in claim 5, further comprising:

a near point at the top of the near dioptric power region; and
an eye point in the intermediate corridor, at a position 9 to 12 mm higher than the near point.

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12. (currently amended): The progressive power regions as set forth in claim 1, wherein the vertical length of the intermediate corridor is ~~about~~ in a range of 25-24.5 to 25.5 mm.